

WHELDALL

CO. 100

1865
Catalogue

to the
of California

Catalogue of
collections in Nat-
ural History made
in the North Pacif-
ic, and sent to the
Smithsonian Institute
through
Capt C. M. Scammon
U.S. R.M.

1865

Alcoholic

Dry
Bottled wet

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May 10th.

J. G. Windship May 3.

April.

J. G. Windship.

R. E. C. Stearns.

W. H. Dall.

Box sent back from
San Francisco.

Contents

Tin of Nicaragua colls.

1. Starfish. Bischoff. S.F. beach
2. Small Beetles. do. S.F. June
3. Large Insects. do. Liversville. Cal "
- 4 Small " " " " June "
- 5 " " " " " "
- 6 Spiders &c " " " "
- 7 Barnacles 3 sp. Dall. S.F. Bay. 11 mo
8. Shells & crabs. pebbly beach S.F. Bay Dall
9. Lizards. Hunters point. " Dall & Keane
10. Fish, Near Mission Rock S.F. Bay
11. Insects. Nicaragua. W. H. Dall.
12. Dredgings 7 fath. mud. S. F. Bay.
13. Landrills. Napa City. Cal. R. Keen.
14. " Black Rock. S.F. Bay. R. E. C. S.
15. Dredging. S. F. Bay. 3 fath. mud.

Alcoholic -

one bottle

Dry
Board of Harbor Comm.
San Francisco.

Dry.

J. T. Rothrock. Dry

W. D. O'Connell. Dry

P. Olander. Dry

16. Sundries, under stones at low
water. Goat Island, S. F. Bay
May 30. W. H. Dall & Chas Pease

17. Salamander. Yerba buenas
graveyard S. Fran. Dall

18. Sundries. bat & Salamander
Napa City Cal. R. Kummert

19. Snake S. Fran. Bischoff.

20. Piece of pile bored by
Teredos. in 11 months
from time of driving
North point pier -

21. Box of Chinese shells
from J. C. Gove, S. F.

22. Plants from Nicaragua
and vicinity of S. F.

23. Box shells from vi-
cinity San Francisco, Cal.

24. Pkg mosses des. by Leo
Lesqueroux in Phil. Ac. S. F.

Dry

Dry

Dry

Dry

Alcoholic.

Do.

25 Two galls from Oakland
S. F. Bay, with insect in.
W. H. Dall.

26. Insects from S. F. &
Nicaragua Dall & Bis-
choff. & Gadwall's
egg Mr. Heburn

27 Humming bird (female)
and nest L. Bischoff
San Francisco Cal. May

28. Same with two eggs

29. ~~Three~~ ^{Six} humming birds

Same. Two species, S. F. Bischoff

30. Smelts, Pt Simpson Lat 54°
40' Lon 130 W. Chas. S. Bulkeley

31 Insects, Coleoptera Bischoff
Vic. San Francisco. June 1

32. Eutania elegans? Ken. & c
S. F. Vicinity. W. H. Dall. June 1.

June 20
Pearse & Ketchum. Alcoholic
Vicinity of San Francisco

33. *Eutania elegans*? Ken. June 20

34. Small minnows from
Mountain Lake.

35. Sticklebacks from
Mountain Lake.

36. Blue sided hill lizards
Two males, one female

37. Lizards found near
water edge & one blue side

38. Mud crabs from
salt beach, Pacific. O

39. Frog & catfish from
Clear Lake, fresh water.

40. Catfish & sticklebacks
from Mountain Lake

41. Salamanders from
mud in Clear Lake.

42. Salamanders from
mud in Clear Lake.

June 20
Pease & Ketchum. Alcoholic
Vicinity of San Francisco.

78

H.W. Elliott.

Dry

Dry

Dry

Tarantula R. K.

Dry

Dry

43. Shells, *Lymnaea planor-*
bis & *Physa* from Clear
Lake.

44. Coleoptera and other
insects near City.

45. Bird from off cape
St. Lucas Pacific Oc.

46. 7 species, 10 specimens
Birds, from San Francis-
co, June 1. F. Bischoff.
Numbered from 78 to 87.

47. Bundle masses from
H. Bolander, Calan.

48. Box insects from
vicinity of Frisco
Tarantula from Nica-
ragua. F. Bischoff.

49. Lepidoptera from
the vicinity of Fris-
co. May 15. F. Bischoff

Skins. Dry
mostly from the
Vicinity of
San Francisco
* all from Cal.

Alcoholic

Alcoholic

Alcoholic

Dry.

Alcoholic

50. 77 skins of birds
+ one mammal.
Numbered from 1
to 77 prepared by
C. F. Lorquin and
credited to Col. C. S. Bulk
ley. ~~~~~

51. Cat-fish from Mount
ain Lake

52. ~~do~~ from Sitka RA
Col. C. S. Bulkley.

53. Two fish. from Sitka
Col. Chas. S. Bulkley.

54. Lepidoptera, vicin
ity of San F. Bischoff

55. Pickle backs and ool-
kins from salt water
Oakland Cal. June
20. Pease & Wall.

Alcoholic.

Alcoholic.

Dry.

Alcoholic

Alcoholic

Alcoholic

56. Insects mostly Coleop-
tera & Hymenoptera from
Oakland Cala. June 20
Chas Reese & W H Dall

57. Coleoptera from vicin-
ity of San Francisco
June 25. F. Bischoff.

58. Echini from Sitka
Col. Chas. S. Bulkley

Bot. no. 4.
From Sitka Aug 16, 1865
Per Bark Clara Bell for Victoria.

59.

60. Hyalea, Pacific O.
Alex Harder.

61. Velella? Pacific O.
Geo H Dow -

62. Blue Crabs Pacific O.
J W Davison -

Alcoholic

Alcoholic

Alcoholic

Alcoholic

Alcoholic

Alcoholic

Alcoholic

Dry

Dry

Sitka

Alcoholic.

Not
sent until
Box No 6,

63 Vella Pacific O.
Alex Harder.

64 ~~Medusa~~ Pacific
E. E. Smith

65 Sundry floating mol-
lusks W. H. Dall.

66 Blue Barnacles
Pacific O. W. H. Dall.

67 Bryozoa Pacific O.
Sitka Chas Pease

68 Fish &c 33 miles W of
Sitka A. S. Arnold.

69. Sundry Crustaceans
Pacific Ocean - Dall

70. Stone with coralline.
Dr. Fisher. Sitka. R. A.

71. Sundry shells. Sitka
Dr. Fisher.

72. Miscellaneous alcoholic
mostly marine. Dr Fisher.

1.

2 gross Corks -	W.T.
9 Small hammers -	Chi
2 Solder Irons -	SI
1 Piece solder -	SI
29 Geological chisels -	Chi
7. Butterfly net frames	Chi
1. cap screw -	SI
2. Large Hammers -	Chi
21. Butterfly nets,	Chi
1. Stencil Plate, Ink, & Brushes.	
Assorted Wide mouthed vials.	

2.

9 Bars	Exotic.
5	Tartar Exotic.
2 bottles	Con. Sublimite.
4 gross	Co. dr. Hom. vials.
2	Corks -

1 Casting Net.	2 -	SI
1 Baird seine.		SI
40 Cork soles.		chi
3 Gross 4 Dr. Hom. vials		was
2 " 2 " "		was
Lot Corn Stalks.		chi
1 Gross 6 dr. Hom. vials		was
1 Dip net -		SI

3.

10 Botanical Straps	-	chi
18 Small	do	chi
2 bags extra buckles	-	chi
1200 Fish tags.		N.V.T.
5 Gas bags.		chi
10 Small plant presses		chi
1 Cap screw.		SI
6 cans Arsenic		N.V.T.
5 " Jarlar kinetic		N.V.T.

Two bottles Corrosive Lulimone
1 gross six dram Horn. with
2 " Homoeopathic corkwax

4.

86 cans arsenic, W.U.T.
Screw caps - 81

5.

Alcohol & two papers -
W.U.T.

No. six sent with
Rocksack, partly up
Fraser River - 81

Can from No 2, given to
Kewicott to take to
Fort St. Michael in ad-
vance. 81



used for making chair legs -
Dry

Capt Sands. Dry
Aleutian Islanders

Capt. Sands. Dry.
Aleutian Islanders.

Mounted
Dry.

"

"

"

"

Dr Fisher

Dr Fisher

73 Walrus bone. Arctic Oc.
Dr. Fisher.

74 Indian miniature canoe
Walrus hunter. ~~Kotashes~~

75 Indian bodarkie. ~~Kotashes~~
Capt Sands -

76. Duck from North of
Behring straits Dr. Fisher

77. Duck do
Dr. Fisher.

78. Duck do
Dr Fisher.

79. Duck do
Dr. Fisher.

80. Stone with coralline.
Capt J.R. Sands.

81. Aleutian Islanders war
cap. ~~Capt J.R. Sands~~

82. Cario. Aleutian Islanders
~~Capt J.R. Sands~~

dry.

dry
Col. Bulkeley

dry.

dry.

dry
all from Sitka
sandy beaches
at low tide.

83. Aleutian Islanders Canon
~~Capt~~ Sands. Dr. Fisher

84. *Mytilus edulis*, Bull
Harbor. New Vancouver
Island. ~~R. Kinnicott~~

85. Sitka plants
Dr. Fisher

86. Box shells from
New of V.I. Col B.

Box no. 5.

88. Box of dry shells
containing (R. cutter.)

22	specimens of	<i>Haliotis</i>
38	"	<i>Cardium</i>
1	"	<i>Tellina</i>
3	"	<i>Glycymeris</i>
52	"	decussated <i>Tapes</i>
40	"	?
3 or 4 unique specimens		

Alcoholic.

Alcoholic.

Alcoholic.

Bot m f Alcoholic.

Alcoholic.

95. Shells & crustaceans from the kelp band, two to three fathoms. Sitka Aug 18. 1865. Wm H. Dall.

96. Shells, crustaceans, shrimps from kelp band, three to four fathoms. Sitka Bay Wm H. Dall.

97. Holothurians and didemna from low tide under & on the stones in the small bay op. the Ind. villages — Wm H. Dall

98. Small naked mollusks (see notes) from various depths. (see notes) Sitka Bay. Wm H. Dall

99. Shells & crustacea. kelp band 3 fath. Sitka. W. H. Dall.

Alcoholic.

Alcoholic.

Alcoholic

Alcoholic.

Alcoholic

Alcoholic
W.H. Dall.

100? *Pinnotheres*, male & female
from interior of clams
Sitka, W.H. Dall.

101. Shells and crustaceans
near gravel 4 fath Sitka
Bay, W.H. Dall.

102. Starfish from ten
fathoms, large crab
low tide level, rest
3 fathoms gravel &
weeds - Sitka W.H. Dall.

103. Four small trout from
near Sitka, trout-stream
four catfish 2 fath
mud, Sitka, W.H. Dall.

104. Sundries from deep
water, ten to 15 fath
oms Sitka Bay, W.H. Dall.

105 Sundries from six
fathoms, gravel, Sitka

Dry.

Alcoholic.

Not sent

Not sent

Alcoholic

Alcoholic

106. Wood bored by crusta-
ceans, Sitka. W.H. Dall

Box no 6.

108. Pteropod, shell opened
and animal from
N. Pacific Oc. W.H. Dall
Lat. $55^{\circ}30'$, Lon $145^{\circ}52'$.

99. Small Helices from
Sitka, W.H. Dall.

99. Same as (see 69)

98. See 96. W.H. Dall

100. Linnæa Pacific
off Alaska, W.H. Dall
See notes.

111. Lundry shells of
which the animals
have been drawn -
Pungo Harb. W.H. D.

Dry.

Alcoholic

Alcoholic

Alcoholic ~~dry~~

Lat.

Long

100 feet apart.

Dry
Dry

112. Top of Mt. Kestovia at
Sitka measured by
Richard Cotter who
collected it. 3216 ft
113. Sundries Ounja Har
bor. Rocks 6 fm. Dall
114. Sundries Ounja har. 7
fath. mud. W. H. Dall
115. Soundings off Alaska
150 fath. Capt. Scammon
116. Soundings 65 fath
off Alaska Capt Sc.
117. Soundings 45 fath
Capt Scammon off
Alaska.
118. Soundings off Unimak 45 f.
Capt C. M. Scammon
119. do 43 fath. Lava.
Capt Scammon
120. do 40 fath. mud.

Alcoholic.

Dry

Dry

Dry

Dry

Dry

Dry

Ounga.

121. Soundings off Alaska
190 fathoms sand

Capt Seamon

122. 14 specimens of Plac-
manomia. Ounga
Harbor. W.H. Dall.

123 34 specimens of Ar-
go buccinum, Ounga
Harbor beach. W.H. Dall

124. Two specimens of
rock from Haystack
Island. Ounga Har. Dall

125. Specimens of stone.
Dall. with coralline Ounga
harbor. 4 fm mud

126 1 specimen flint
from beach at Ounga
Har. W.H. Dall.

127 Amygdaloid with spath
re minerals. W.H. Dall

Dry
Bannister

Dry

Dry

Dry

Dry

Alcoholic

128. Coal or lignite from
Ounga, 3 spec. H.M. Ban

129. 7 spec Fossil vegeta-
ble impressions from
Coal strata at Ounga
Bannister

30. 30 specimens of
Cyclonous fossils Ego-
gyra from coal strata
at Ounga, Bannister
and Dall.

31. Box glass shells
from 4 fath mnd at
Ounga Harbor, Dall.

132. ~~Box Shells from~~
~~Beaver Harbor, Port Rupert~~
Mar 31, Capt. L.M. Leaman

133. Parasites & small fish
from gills & sides & stomach
of cod. off Nunivak. Dall

Dry

Dry

Alcoholic

Dry

Dry

Dry

Al

Al

Al

134. Berries & twigs from
Dunga Island. F. Whymper

135. Shells from ~~pond near~~ ^{Lake La Hache}
~~Ft. Yale~~ British Columbia

Fresh water. H.M. Bannister

136. Beetles from British Col
umbria above Ft. Alexan
dra. Bannister

138. Maypie, Dunga Isld
Box No. 7. Chas. Pease

139. Fossil wood. Dunga
Coal seam. S. Pollock

140. Mammals to Michaelovsky
beach. W.H. Dall

141. Sand bones from St-
Michael. R. Kennicott

142. Lundries - Sitka
R. Kennicott

143. Lundries. St Michael
W.H. Dall.

Dry

Dry

Dry

Alcoholic

144. Lava rock from St-
Michael. W.H. Dall.

145. Echinus from Ouni-
mak passage, 40 fms
up on lead line.

Capt Seamon

146. Two shells of Pteropods?
Offounimak. Dall.

147. Mouse
St. M.

R.K.

148. do

Dall

149. Ermine

St. M. (Sept 16)

Dall

150. Bird

R.K.

151. do

R.K.

152. Bird head

Dall

Al.

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153 Echini. Ounga. R.K.

154. Limpets do do

155. Cod fish off Durimak.

Dall

156. Sculpin do Dall

157. Fish from St. Michaels

Dall

158. Naliotis. Sitka

R. Cotter.

159. Fusus. Ounga Nar.

4 fms. near W.H. Dall.

160 Echini. Sitka. 2 sp

10 fms. W.H. Dall.

161. Pnelto. Sitka. 7 fms. taken
with hook. Geo. Dow.

162. Fish Sitka under stone
at low water. Dall

163. Holothurians. Sitka
Dall under stones low water

Alcoholic

Do

Do

Dry

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164. Shells low tide level
Sitka W.H. Dall.

165. Shells low tide level
Sitka W.H. Dall.

166. Ermine. Plover Bay
E. E. Smith Sept 28

167. Skull Plover Bay beach
— W.H. Dall. —

168. Box dry shells.
Plover bay beach Dall

169. Natica. Plover bay
W.H. Dall

170. Dry shells Plover
bay, W.H. Dall.

171. Bleached Whalebone
Bowhead. Plover bay Dall

172. Dry Shells Plover bay
beach W.H. Dall.

173. Crepidula Plover bay
Laminaria W.H. Dall

Dry.

Alcoholic

al.

al

174. Lot of Stone lichens from
Hills round Plover Bay
Sept 28. W.H. Dall.

175. White Quartz from hills
around Plover B. W.H.D.

176. Stone with ~~the~~. Bottom
~~177~~ of Behring Strait. Col. B.

177. Soundings from 30 fms in
Behring Strait. Col. Buckley.

178. Embryo ^{Box No. 7} shells, Plover B
(Fusus.) W.H. Dall.

179. Mouse, Plover B. St. Davison

180. Sundries from the Lamin-
arian ~~zone~~. W.H. Dall
Plover B., Sept 28.

181. Sundry small shells
Plover B. Lam. zone. Dall

~~181A~~ Sundries from soundings in
Behring Strait. 17 to
30 fms. Col. Chas. B. Buckley

Box 9 Dry.

Box 9 "

"

"

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"

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"

"

Box 9

Box 9

183. Echinus 30 lbs Behning Str⁺
Soundings. Col Bulkley.

184. Dry Plants 14 sp.

Ounga. Dall

185. Deer horns Plover Bay
dry Capt. Scammon

186. Bones of hair seal, Plover
Bay Capt. Scammon.

187. Skull of the Eskimo dog
Plover bay. W. H. Dall

188 do

Dall

189 do

190 Dall

Box lichens + moss

191 Algae & sponge
Plover bay Dall

192. Plants, Ounga Hyde

193. Plants Plover Bay
W. H. Dall

194. Spider crab, beach,
Petrovsky, W.H. Dall
195. Box loose shells, Petropavlovsk
beach Oct 18. W.H. Dall.
196. do do
W.H. Dall
197. Mended sea urchin
Petropavlovsk W.H. Dall.
198. Box loose shells,
watcher. E.E. Smith
199. Box loose shells
Petropavlovsk Dall
200. owl Oct 20 -
Petropavlovsk Dall
201. Leds Oct 23
Dall
202. do
Dall
203. Crab shore, Little
Dall

204. set of teeth, dogs
Avatcha Dall

205. Alder seeds Retrop.
Whymper

206. wild Cherry stones
Avatcha W.H. Dall

207. Anodonta, Retrop.
W.H. Dall.

208. Pine cones. Retrop
W.H. Dall.

209. Soundings off St Lawrence Id. Behning Sea.
Capt C. M. Scammon

210. Bryozoa Retropolusk
W.H. Dall

211. Mouse (179)
Plover Bay Dawson

212. Shells (180)
Plover B. W.H. Dall.

213. Marine &c (181) Dall.

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at.

at.

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al

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STY

al.

al.

214. Sundries 30 to 17 fms
Behring Sea. Dall.

215. Sundries Behring Straits
~~182~~ ~~183~~ 30 fms Col Bulkley

216. Embryo Walrus
Blower R. Capt Fish.

217. Litorina
Petropavlovsk, Dall

218 Land shells
Petropavlovsk Dall

219. Land shells & insects
Petropavlovsk. Dall

220. Land shells & insects
Petropavlovsk. Dall

221. Leds Oct 30
Petropavlovsk Dall

222. Insects
Petropavlovsk Dall

223. Insects.
Petropavlovsk Dall

Dry.

Dry.

al

al

al

al

al.

al :

al

al.

224. Young deer horns (1857)
Plow Bay. Capt. Seaman

225. ~~Gall~~. Avatcha.
Kamchatka Dall

226. Mousse.
Petropavlovsk. Dow

227. Trout.
Petropavlovsk. Dow

228. Herring.
Avatcha. Dall

229. Tomcod.
Avatcha. Dall

230. Woodpecker.
Avatcha. Dall

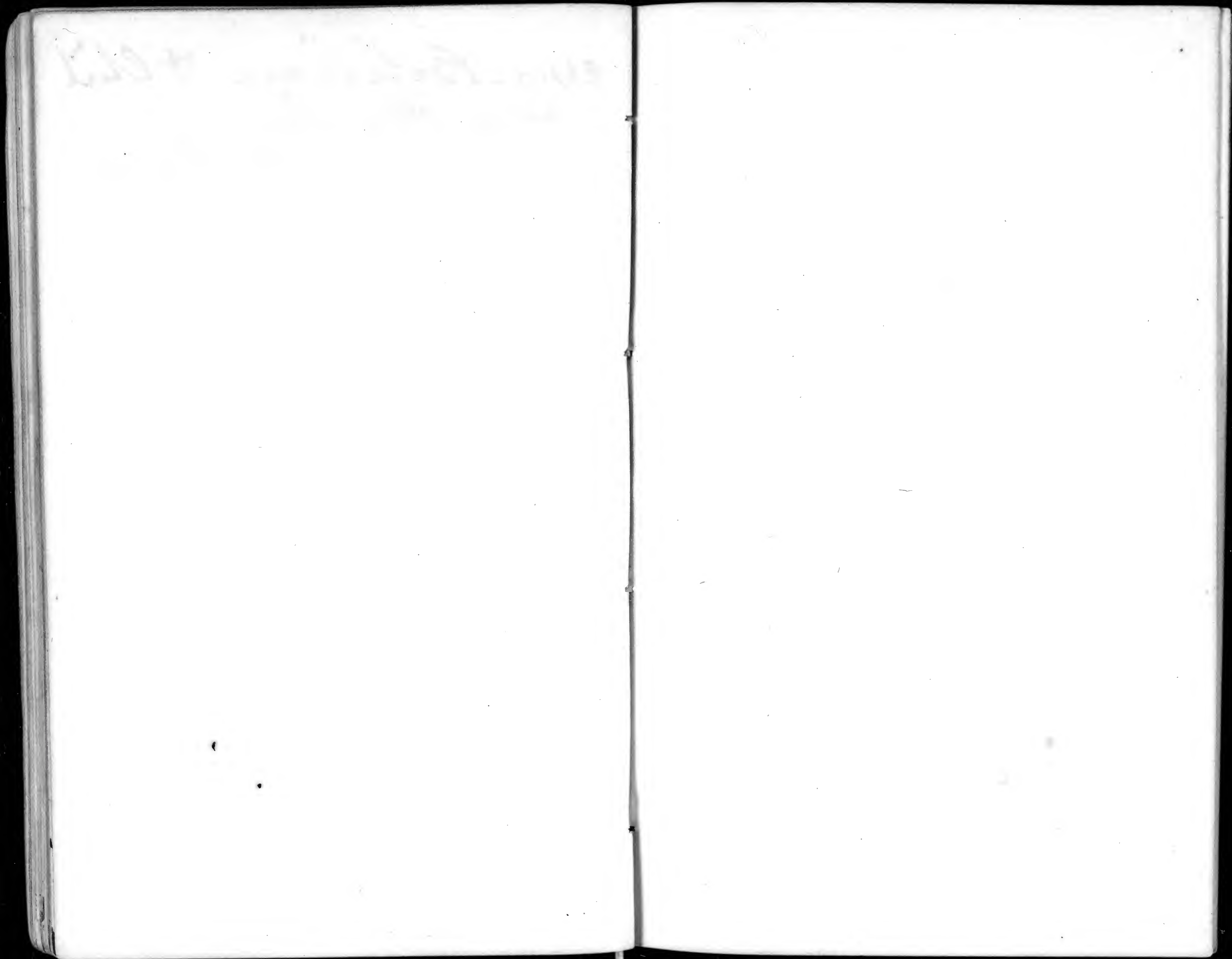
231. Actinias.
Petropavlovsk. Dall

232. Cynthia. F. Whymper
Petropavlovsk. ~~*~~

234. Crab.
Petropavlovsk Dall

233. Cynthia
Petro pavlovsk Dall
235. Pipe fish.
Petro pavlovsk. C. Fronfeld
236. Sculpin.
Petro pavlovsk, C. Fronfeld
237. Shrimps
Petro pavlovsk, W.H. Dall
238. Lundries fish.
Nanaimo. W.E. Clifford
239. Lundries
Esquimalt. W.E. Clifford
240. Weasel skin
Plover B. W.E. Clifford.
241. Echinus
Esquimalt. W.E. Clifford
242. Coal and Argobuccinum
Ounga. Capt. Scammon
243. Fossil tusk
Cape P. of W. Col. Bulkeley

244. Bolivian & Chil
ian Plants.
Mrs Bridges



Mr. Frank Dalley,

Fort St. Victoria, N. S.

Mr. Wilson Brown,

Victoria,

Mr. E. M. Richardson,

Mr. E. T. Coleman.

Libr. Mech. Inst. Vic.

Mr. Jeffries,

Ornithologist N.

First named will give you the
addresses of all the others.

Mr. J. H. B. B. B.

1874

1874

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1874

1874

	No
San Francisco	1.
do.	2.
Coast of California	3.
Panama	4.
Cala.	5.
Coast Cal. San Diego	6.
Cala.	7.
Sandwich Islands	8.
Cape of Good Hope	9.
Sandwich Islands	10.
Guam	11.
St. Barbara Chan.	12.
C. G. Hope. ? male of the calia es can merata Chemm / N.Y. W. Ad.	13.
St. Barbara Islands	14.
Australia	15.
Sandwich Idls.	16.
Gulf of Cala.	17.

List of Shells rec'd from March
twentieth 1865 to July 10, 1865.

1 anodonta Wahlatamensis Lea.	Dr. N.
1 " sp.	"
2 Oliva Cumingiana?	"
200 Olivella	bought
4 Helix dupetitthouarsii	Dr. N.
4 Turris	Steam
9. Helix loricata Gld.	Dr. N.
3. Achatinella splendida, Neve.	
1 Cypraea edentata,	Dr. N.
6 Helix similis Fer.	"
4 Pythia leucostoma Ree.	"
5 Luponia Lowryi,	Steam
1 Cardita sinuata Ree.	Dr. N.
8 Helix facta: Neve.	"
2 Amphibola grayana	"
5 Littorina newcombii Lea	"
50 Columbella	Steam

Gulf of Cala.	18
China.	19
Gulf of Cala.	20
"	21
China.	22
Murex brassica Coast of Mexico.	23
China.	24
"	25
W. Coast ? Mexico.	26
China.	27
"	28
"	29
"	30
"	31
Coast of Cala.	32
China	33
"	34
"	35
"	36
"	37

30	Columbella.	Stamps.
5	Leytheria.	"
2	Harpa articularis Lam.	"
2	Conus tulipa.	"
1	Circe sp.	bought
1	Pasciolaria princeps.	Stamps
2	Ficus reticulata.	"
2	" ficus.	"
2	" ventricosa.	"
2	Crithium sp.	"
5	"	"
4	Ranella spinosa	"
2	Poliothis species	"
2	Poliothis	"
2	Mitra robusta.	"
2	Orna sp.	4
3	Helix levipes Pfr.	"
1	Orna sp.	"
3	Modulus sp.	"
2	Rapana sp. ? bezoar.	"

China	38
Coast of Mexico	39
China	40
"	41
W.C. N. Am.	42
"	43
China	44
"	45
"	46
"	47
China	48
San Juan R. Nicaragua.	49
China	50
"	51
Eatable,	52
"	53
White	54
"	55
"	56
"	57.

1 Strombus luhmanni Stearns.	
1 Spondylus species.	"
3 Nuxtilus smaragdus L.	"
3 Spondylus species	"
2 Murex sp.	"
2 Strombus sp.	"
2 "	"
3 Arca species	"
2 Anodonta sp.	"
3 ? Calliostoma sp.	bought
3 Monodonta sp.	Stearns
1 Unio? n. sp.	nobilis.
1 ? Arca sp.	Stearns
1 Anicantia sp.	"
2 Fusus sp.	"
2 Anodonta sp.	"
2 Strombus sp.	"
2 ?? Leorbicula sp.	"
2 Potamium sp.	"
2 Crassatella sp.	"

3	<i>Dolium</i> sp. <i>lehina</i> .	58
	Near Canton "	59
	" "	60
	" ?	61
	" China	62
	" "	63
	Natica " otis Pan. Stearns	64
	" sp. "	65
Goat Island	San Francisco Bay.	66
	Monterey Cal.	67
	Punta Catalina Isl.	68
Goat Island	San F. Bay.	69
	San Diego Cal.	70
	" "	71
	Clear Lake Cal.	72
Cal.	Santa Barbara Island	73
	" "	74
	Catalina Island.	75
	Marina Cal.	76
	Lake Tahoe, Cal.	77

5	<i>Cardita</i> sp.	Stearns
3	<i>Dolium</i> sp.	"
1	<i>Dolium</i> sp.	"
3	<i>Purpura</i> sp.	"
4	<i>Circe</i> sp.	"
3	<i>Plectrophorus</i> sp.	"
2	<i>Pecten pleuronectes</i>	"
1	" sp.	"
3	<i>Cardium Nuttallii</i> Conr. nobis	
1	<i>Calliastoma annulata</i> Lough	
1	<i>Helix rufocincta</i> Newc. Dr. H.	
6	<i>Schizothaerus Nuttallii</i> Conr. nobis	
1	<i>Trigona crassatelloides</i> .	Stearns
9	<i>Chlorostoma funebre</i> .	"
3	<i>Planorbis Newberryi</i> Lea. Gabb	
1	<i>Helix Tryoni</i> . Newc.	Dr. H.
1	<i>H. Newberryana</i> W. H. B.	"
1	<i>Helix Kelletii</i> Forbes	"
3	<i>Succinea oregonensis</i> Lea	"
3	<i>Vitrina Pfeifferi</i> . Newc.	"

Santa Barbara Chan. 78.

San Diego, Cal. 79.

" " " 80.

" " " 81.

San Pedro " 82.

San Diego " 83.

" " " 84.

" " " 85.

San Francisco, 86.

" " " 87.

88.

89.

Acapulco, 90.

" " " 91.

" " " 92.

San Diego 93.

Gulf of Cal. 94.

Small Sandw. I. 95.

Oregon 96.

Sandw. Isl. 97.

2 Haminea virescens Iby. S. n.

4 Leda sp. "

3. Patella sp. "

1. Machera patula Con. var lucida "

4. Donax laevigatus Desh. "

1 Pcalania sp. "

" " " "

1 Tomatina inculta G. O. "

3 Pupa Rowellii Newe. "

2 Helix chersina "

" " " "

" " " "

4 Corbicula sp. Bought

5 " " "

2 Donax punctostriatus Hanly "

1 Conus flavidus, Lam. Stearns

3 Lacuna virifasciata, Iby. S. n.

1 Purpura sp. not Pinnatis. "

1 Helix Townsardiana "

1 Cypraea ovulata "

Pan Francisco bay	98
Isla. Barbara Island	99
Cape of Y. Hope.	100
Oregon	101
Van Diemens Land	102
Sand. Isl. Peace.	103
Gulf of Cal.	104
Lake Tahoe Cal.	105
Sandwich Isl.	106
"	107
"	108
"	109
"	110
"	111
"	112
"	113
"	114
"	115
"	116
Kanton R. China	117

2	<i>Lytotrya</i> n.s. Tryon.	nobis.
5	<i>Helix columbianus</i> W.B. Drn	
1	<i>Venericardia perforata</i> Lin.	"
4	<i>Helix Vancouverensis</i> ,	"
1	<i>Lepidocera angustata</i> Gray.	"
2	<i>Bulla ampulla</i> L. Harms	
1	<i>Dione</i> sp	"
2	<i>Helix arrosa</i> , Ud.	Yabb
1	<i>Achatinella rugosa</i> Mich.	"
3	" <i>lacryma</i> Ud.	"
1	" <i>Mighelsiana</i> .	"
3	" <i>colorata</i> , Rue.	"
2	" <i>cornicola</i> Pfr.	"
1	" <i>assimilis</i> ,	"
1	" <i>obsoleta</i> ,	"
1	" <i>rudis</i> , small striate.	"
1	" <i>serotina</i> , purple brown.	"
1	" <i>tricincta</i> ,	X
1	" <i>univitella</i> ,	X
1	<i>Pecten</i> sp.	Harms

Canton River. China.	118
Gulf of Calca.	119
China.	120
China.	121
Sta Barbara Chan.	122
Calca, Copperopolis.	123
"	124
Calca Gulf.	125
Oregon.	126
Calca Gulf.	127

2	Anodonta sp.	Stearns
4	Strigilla carmaria	Stm. nobis
1	Matica sp	bought
1	"	"
1	Grato vitellina	Cpr.
1	Helix inter-cisa	W. H. B.
1	" exarata	Pyr
1	Uvella biflora	"
6	Helix fidelis	Gray
1	Tapes grata	Com.

127 species 467 specimens

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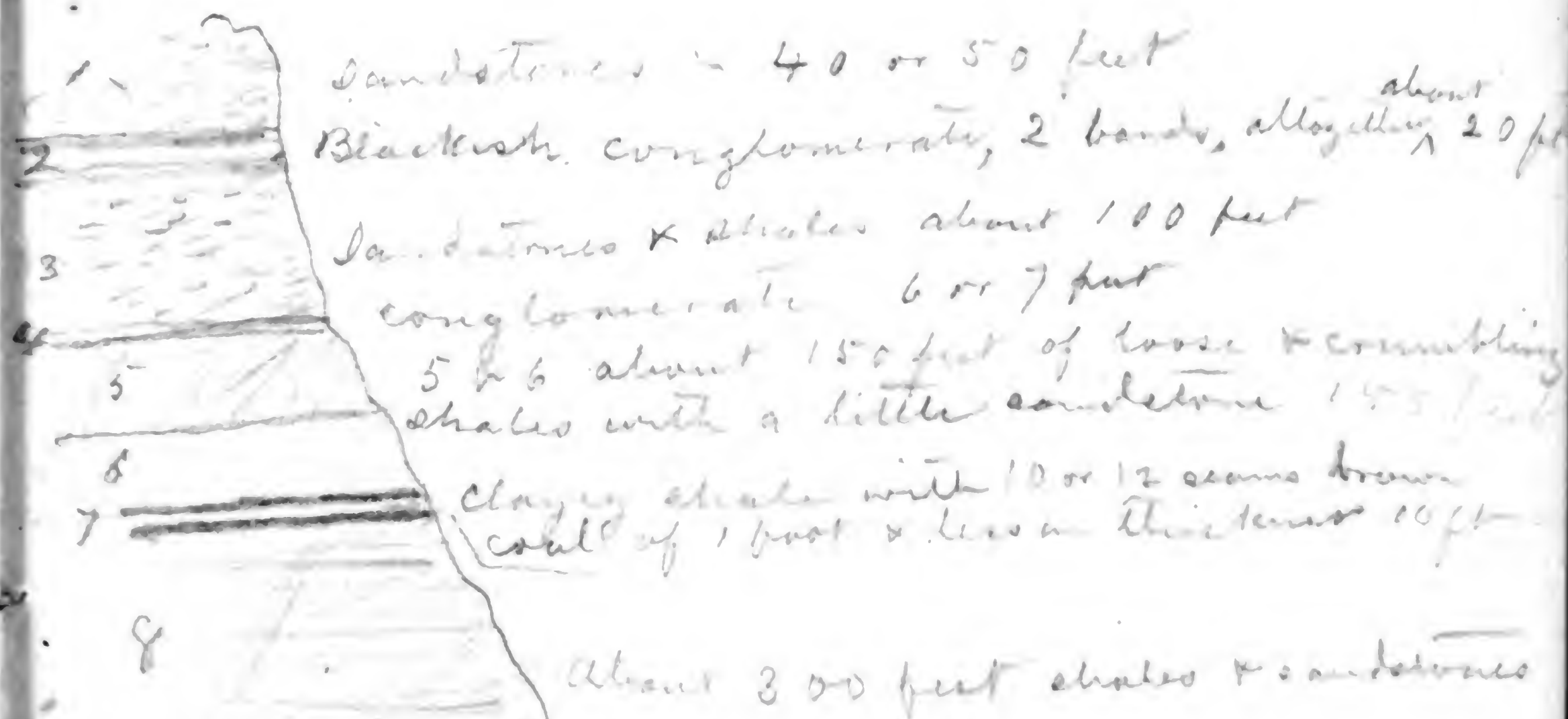
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Ounga Island

The island is for the most part ^{mountainous} ~~not~~ ^{volcanic} contains ~~some~~ ^{some} a small volcano not now active. In the northern & western part around the harbor the land is more level & stratified rocks prevail. These are well exposed on the S.W. side of the harbor in cliffs varying in height from 5 to 700 feet (estimated). The following is a section made here.



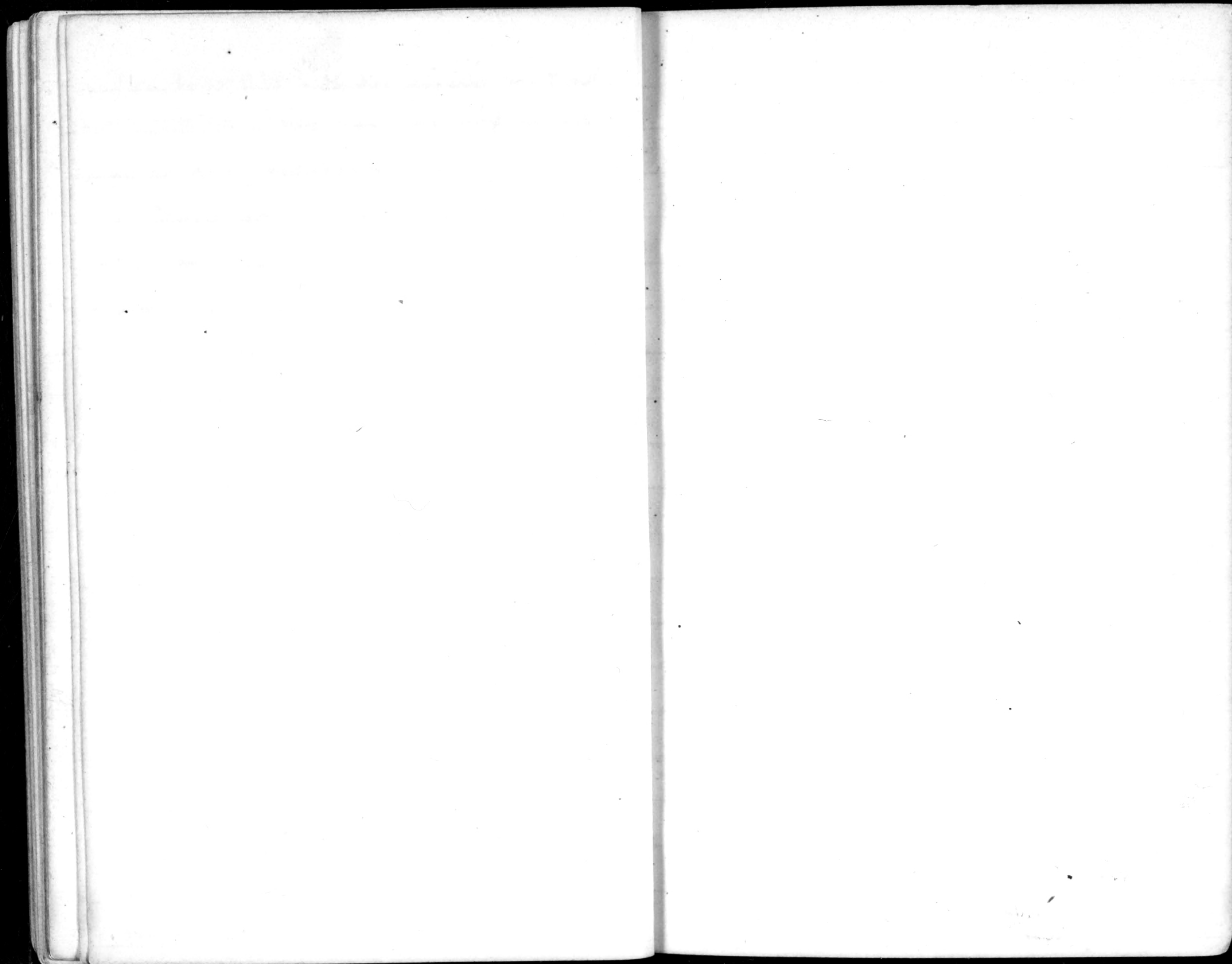
The thicknesses of the strata are merely estimates, I had no means of making accurate measurements.

The rocks have a slight dip towards the N.W. but are nearly level.

I was unable to examine the uppermost strata, above the black conglomerate, but in appearance they resembled those below, a coarse light colored sandstone ^{with a little shale}, in which I found no organic remains except fossil wood. No 4 resembles No 2 but is lighter colored. In the strata just below this we found in one place many specimens of *Exogyra* somewhat like *E. arctica*. As these seemed to be found only in the upper part I have divided this series in my section into two portions marked 5 & 6.

No 7 is clayey shales and coal seams. There are ten or twelve of these latter varying in thickness from an inch to a foot or more. The coal is not black but dark brown. In the shale close to the coal seams ~~and is~~ much fossil wood (lignite).

In No 8 I found no fossils. At the base of the cliff I found in loose stones some impressions of plants (*Angiosperms*) marked thus $\frac{1}{9}$. All the specimens are marked with ink in this manner: $\frac{1}{3}$ = Section 1. bed 5.



Bischoff -

- ✓ 2 pair tweezers
- ✓ 50 fish bags -
- ✓ 1 pair large scissors -
- ✓ Lot insect pins about 2,000.
- ✓ 3 papers glue & needles.
- ✓ Pocket inkstand
- ✓ 1 large knife
- ✓ 4 egg dills
- ✓ 3 blow pipes
- ✓ 3 note books
- ✓ 5 Pans Alum & Saltpetre
- ✓ 2 beating nets -
- ✓ 2 doz small bottles
- ✓ 6 large "
- ✓ 16 cans Arsenic.
- ✓ Lot cornstarch
- 2 Cyarvotels
- 1 Butterfly frame & 2 nets
- 2 Botanical straps

R. K.

- ✓ 1 large knife.
- ✓ 1 large scissors -
- ✓ 2 bunches labels -
- ✓ 1 pair tweezers
- ✓ 20 fish bags
- ✓ 2000 pins & 2 insect pins
- ✓ 1 Dredge.
- ✓ 1 beating net
- to small bottles
- 3 large bottles
- ✓ 1 can of alcohol 4 gal

tot labels -

- 2 gross 2 drachme homo
- vials corked -
- 1 small knife
- 1 can & 2 1/2 gal alcohol

Dr. Fisher
Aug 18th 1865 -

Recd of Sci. Dept.
two doz 4 oz vials
one " 2 oz "

W & Dall. wit,

Mr McKee.
Anadyr Party

{Two cans arsenic.
Two bottles alcohol.

Hammond
Greytown, Nic.

2 egg drills

2 blow pipes

tweezers & small hammer

List of Articles for W. H. Hall as per H. B. Co's A/c.

1 Common cloth		Capot
1 blue balmainal	X	Bonnet
1/2 doz. D. R.		Shoes
1 bandanna		Hat
1 broad scarf		Belt
1/2 doz. fancy	X	Soap
1/4 doz. 6/4		Huckaback
1/2 doz. tailors	2 X	Scissors
1/2. Sadies		"
1 " Small		"
1 pair		Moccasins
3 briar Wood	2 X	Pipes
1 pocket Comb	X	
1 M F Looking	X	Glass
1 doz Hand Saw		File
1 " gingham		Hat
3 narrow cord		Belt

all rec'd Aug 16. 1865.
 \$20.00 paid in advance
 \$5.76 due.

\$ 4.50
1.25
1.00
.86
.84
.75
1.00
2.25
2.50
2.50
.92
1.14
.18
.12 1/2
1.50
2.25
2.25
<hr/> \$ 25.76 1/2

627 lbs abalones
exported from
San Francisco
from Jan 1. to June

30

1865

САНАКЪ.

